

Claims

[c1] 1. A dual temperature indicator stick assembly comprising:
a first indicator stick housing positioned along a first axis and configured to hold a compound which melts at a first given temperature;
a second indicator stick housing positioned along a second axis and configured of hold a second compound which melts at a second given temperature; and
a connector physically connecting the first and second indicator sticks along different axes.

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[c2] 2. The dual temperature indicator stick assembly of claim 1 further comprising:
a pair of resistance mechanisms attached to one of the first and second indicator stick housings to limit rotational movement of the first and second indicator sticks;
a pair of collets having threads, each collet rotatably coupled to one of the first and second housings; and
wherein each of the pair of collets is configured to engage separate indicator sticks upon rotation of a collet about one of the first and second axis.

[c3] 3. The dual temperature indicator stick of claim 1 wherein the connector comprises a longitudinal member having curved ends, the curved ends configured to secure the first and second indicator stick housings to the connector.

[c4] 4. The dual temperature indicator stick of claim 3 wherein the curved ends have hooks configured to engage the first and second indicator stick housings to prevent rotation of the first and second indicator stick housings.

[c5] 5. The dual temperature indicator stick of claim 3 wherein each of the curved ends includes a pair of curved sections.

[c6] 6. The dual temperature indicator stick of claim 3 wherein the connector slidably secures the first and second indicator stick housings in a side-by-side relationship.

[c7] 7. The dual temperature indicator stick of claim 4 wherein the first and second indicator stick housings have an exterior surface having a groove therein for

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engaging the ridges of the curved ends of the longitudinal member.

[c8] *Sub A2* 8. The dual temperature indicator stick of claim 1 wherein the connector is configured to snap fit the first and second indicator sticks to the connector.

[c9] 9. The dual temperature indicator stick of claim 1 wherein the connector includes a clip member configured to permit attachment of the dual temperature indicator stick assembly to an object.

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Cont.
[c10] 10. A dual temperature indicator stick holder comprising:
a connector assembly adapted to receive and position two temperature indicator sticks in a side-by-side relationship;
a pair of advancement mechanisms configured to extend the two temperature indicator sticks from the connector assembly; and
wherein each of the pair of advancement mechanisms engages a respective temperature indicator stick upon rotation of a respective advancement mechanism.

[c11] 11. The dual temperature indicator stick holder of claim 10 wherein the connector assembly includes a first housing element connected to a second element, each of the first and second housing elements having a single advancement mechanism secured thereto and capable of holding a temperature indicator stick therein.

[c12] 12. The dual temperature indicator stick holder of claim 11 wherein the connector assembly further includes a pair of resistance mechanisms attached to one of the first and second housing elements to limit rotational movement of the two temperature indicator sticks.

[c13] *Sub A3* 13. The dual temperature indicator stick holder of claim 11 wherein the first and second housing elements each has a groove on an outer surface to engage an end of a clamp and prevent rotation of the first and second housing elements.

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Cont.
[c14] 14. The dual temperature indicator stick holder of claim 10 wherein the connector assembly includes a clamp to align two temperature indicator stick

housing elements along different axes.

[c15]

15. The dual temperature indicator stick holder of claim 14 wherein the clamp has a longitudinal member having curved ends, the curved ends configured to slidably secure the two temperature indicator stick housing elements in a side-by-side relationship.

[c16]

16. A dual temperature indicator stick apparatus comprising:
first means for indicating a first temperature;
second means for indicating a second temperature; and
means for retaining the first means to the second means in a side-by-side relationship to form an indicator stick assembly capable of indicating at least two temperatures.

[c17]

17. The apparatus of claim 16 further comprising a means for controlling movement of the first and second means.

[c18]

18. The apparatus of claim 16 wherein the first and second means comprises a first temperature indicator stick and a second temperature indicator stick.

[c19]

19. The apparatus of claim 16 wherein the means for retaining the first means to the second means comprises a pair of tubular members secured together by a connector.

[c20]

20. The apparatus of claim 19 wherein the connector includes a longitudinal member having curved ends integrally molded to each of the tubular members.

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